

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016456**Date Inspected:** 26-Aug-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA.	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	OBG components.	

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance Inspector (QA) Mr. Shailesh Wadkar was present during the times noted above for observations relative to the fabrication of the Self Anchored Suspension (SAS) Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

OBG Seg 11DE (Green Tag DCP):

This QA Inspector, along with Mr. Manoj Prabhune; performed Green Tag DCP for OBG Seg 11DE from Panel Point (PP) 104 to PP106.5.

The details are as mentioned below:

- Dimension measurements of:

- 1) Corner assembly cope holes at PP104, PP104.5, PP105, PP105.5, PP106 & PP106.5 [at both Cross Beam (CB) side and Bike Path (BP) side].
- 2) Floor Beam to Bottom Panel cope holes & Floor Beam to Longitudinal Diaphragm cope holes at PP104, PP105 and PP106.

- Plumbness and flatness measurement of Deck Panel (DP) to DP diaphragm at PP104, PP105 and PP106.

- Floor beam flatness at PP104, PP105 and PP106 (at both CB side and BP side).

- Skin flatness of Side Panel (SP) to Corner assembly from PP104 to PP106.5 (at both; CB side and BP side)

- WT stiffener offset / buckling – FL3 splices at PP104, PP105 and PP106.

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The measured readings were noted on Dimension Control Forms and are submitted to the Task Leader for review.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No significant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang; phone: 15000422372., who represents the Office of Structural Materials for your project.

Inspected By:	Wadkar,Sailesh	Quality Assurance Inspector
Reviewed By:	Peterson,Art	QA Reviewer
